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Patent

Attorney Docket: 271/056

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 271/056
First Named Inventor: Robert C. Dixon
Prior Application Information:
Serial No. 09/595,557
Examiner: M. Banks-Harold
Art Unit: 2684

Assistant Commissioner for Patents Box Patent Application Washington, D. C. 20231

form PTO/SB/35

FILING UNDER 37 CFR § 1.53(b)

This is a request for filing for a Continuation continuation-in-part (CIP) divisional application under 37 CFR § 1.53(b) of pending prior application Serial No. 09/595,557 filed on June 14, 2000, which is a Reissue Application of U.S. Patent No. 5,850,600 which issued December 15, 1998. Robert C. Dixon, entitled: **Three Cell Wireless Communication System** For CONTINUATION or DIVISION APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied, referenced above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. I. APPLICATION ELEMENTS ENCLOSED Page(s) of Written Description Page(s) of Claims Page(s) of Abstract formal informal 2 Sheet(s) of Drawings Page(s) of Reissue Application Declaration By The Inventor Page (s) Application By The Inventor, Offer To Surrender Patent Page (s) of Consent to the Reissue By The Assignee Page (s) of Statement Under 37 C.F.R. §3.73(b) with Exhibits A-E attached Other: Assignment papers (cover sheet and documents(s)) An Information Disclosure Statement, PTO 1449, with copies of cited items. Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach



Attorney Docket: 271/056

	BASIC FILING	G FEE:		-	-			-	\$740.00
	Total Claims	25	-	20	=	5	Х	\$18.00	\$90.00
	Independent Claims	5	-	3	=	2	х	\$84.00	\$168.00
	Multiple Dependent Claims	\$280	(if	applic	able				\$0.00
	TOTAL OF ABOVE CALCULATIONS								\$998.00
	Reduction by ½ for Filing by S	Small Enti	ty.						\$0.00
	Misc. Filing Fees (Recordation of Assignment)							\$0.00	
	TOTAL FEES DUE HEREWITH \$998.00								
III.	PRIORITY - 35 USC § 119								
	Priority of application S 35 USC § 119.	erial No		filed	on _		_ in <u>C</u>	ountry is cl	laimed under
	35 USC § 119.	een filed i							
IV.	35 USC § 119. The certified copy has b	een filed i							

A Preliminary Amendment will follow. (Claims added by Amendment must be numbered consecutively beginning with the number next following the highest

numbered original claim in the prior application.)

V.	RELA	TE BACK - 35 USC § 120				
		elate back information included in preliminary amendment or specification.				
	\boxtimes	Please amend the specification as follows:				
		This is a continuation application of pending prior application Serial No. 09/595,557 filed on June 14, 2000, which is a Reissue Application of U.S. Patent No. 5,850,600 which issued December 15, 1998.				
	\boxtimes	With respect to the prior co-pending U.S. application from which this application claims benefit under 35 USC § 120, the inventor(s) in this application is (are) [37 CFR 1.53(b)(1)]:				
		the same.				
		less than those named in the prior application and it is requested that the following inventor(s) identified above for the prior application be deleted [see 37 CFR §§1.33(b) AND 1.63(d)(2)]:				
		[Name(s) of inventor(s) to be deleted]				
VI.	METI	HOD OF PAYMENT OF FEES				
		Attached is a check in the amount of				
	\boxtimes	Charge Lyon & Lyon's Deposit Account No. 12-2475 in the amount of \$998.00.				
		Not attached. No filing fee is submitted. [This and the surcharge required by 37 CFR § 1.16(e) can be paid subsequently.]				
VII.	AUTI	IORIZATION TO CHARGE ADDITIONAL FEES				
	No. 12	ommissioner is hereby authorized to credit Lyon & Lyon's Deposit Account 2-2475 for any over payment of fees and to charge the following additional fees by this and during the entire pendency of this application to Deposit Account No. 12-2475:				
		37 CFR § 1.16 (Filing fees and excess claims fees)				
		37 CFR § 1.17 (Application processing fees)				
		37 CFR § 1.21 (Assignment recordation fees)				
VIII.	POWER OF ATTORNEY & CORRESPONDENCE ADDRESS					
	\boxtimes	The power appears in the original papers in the prior application.				
		The power does not appear in the original papers, but was filed on in prior application Serial No				
		A new power has been executed and is attached.				

Please send all correspondence to Customer Number 22249:

Attorney Docket: 271/056



PATENT TRADEMARK OFFICE

LYON & LYON LLP Suite 4700 633 W. Fifth Street Los Angeles, CA 90071 (213) 489-1600

Please direct all inquiries to Lynn Y. McKernan, at the above Customer Number.

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	IX.	MAINTENANCE OF CO-PENDENCY OF PRIOR APPLICATION			
			A petition, fee and response has been filed to extend the term in the pending prior application until A copy of the petition for extension of time in the prior application is attached.		
		\boxtimes	A petition for extension of time is being filed in the pending prior application. A copy of the petition for extension of time in the prior application is attached.		
X. ABANDONMENT OF PRIOR APPLICATION					
	Please abandon the prior application at a time while the prior application is pends or when the petition for extension of time or to revive in that application is granted and when this application is granted a filing date so as to make this application copending with said prior application. At the same time, please add the words "now abandoned" to the amendment of the specification set forth in Item V above.				
			Respectfully submitted,		
	Dated	: <u>Janua</u>	LYON & LYON LLP By: Lynn Y. McKernan Reg. No. 41,986		
	Enclos	sures			
	<u>Xircor</u> Name	<u>n</u> of Assi	gnee		
		Garden ss of A	of the Gods Road, Colorado Springs, Colorado 80907 ssignee		
	Title o	of perso	n authorized to sign on behalf of assignee		
	Assignment recorded in PTO on March 19, 2001, Reel 011638, Frame 0753				

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

) Group Art Unit [Issued Patent]: 2745
Examiner [Issued Patent]:) Banks-Harold, M.
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STATEMENT UNDER 37 C.F.R. §3.73(b)

Sir or Madam:

Attached herewith are documents evidencing a chain of title which establishes that OMNIPOINT CORPORATION is the present assignee of U.S. Patent No. 5,850,600. This patent is a continuation of Serial No. 410,901, filed March 27, 1995, now U.S. Patent No. 5,640,674, which in turn is a continuation of Serial No. 682,050, filed April 8, 1991, now U.S. Patent No. 5,402,413.

Exhibit A is a copy of the original assignment recorded for the grandparent of the present application, Serial No. 682,050, now U.S. Patent No. 5,402,413, which was recorded in the PTO on June 10, 1991 at Reel 5747, Frame 081.

Exhibit B is a copy of the PTO Notice of Assignment Recordation of the above document.

Exhibit C is a copy of the Change of Name and Address of Assignee from Omnipoint Data Company to Omnipoint Corporation recorded for the parent of the present application, Serial No. 410,901, now U.S. Patent No. 5,640,674, which was recorded in the PTO on August 20, 1996 at Reel 8095, Frame 0429.



Exhibit D is a copy of the PTO Notice of Assignment Recordation of the above document.

Exhibit E is a copy of the Power of Attorney filed with this reissue application.

Respectfully submitted,

LYON & LYON LLP

Date: June 14, 2000

Steven D. Hemminger

Reg. No. 30,755

Attorneys for Applicant

633 W. Fifth Street, Suite 4700 Los Angeles, CA 90071-2066

Tel. (408) 993-1555 Fax. (408) 287-2664



In re the Application of:) Group Art Unit [Issued Patent]: 2745			
Robert C. Dixon	Examiner [Issued Patent]:			
U.S. Patent No.: 5,850,600) Banks-Harold, M.			
Filed: June 16, 1997 Issued: December 15, 1998))			
For: THREE CELL WIRELESS COMMUNICATION SYSTEM)			

<u>CONSENT TO THE REISSUE BY THE ASSIGNEE</u>

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

OMNIPOINT CORPORATION, assignee of U.S. Patent No. 5,850,600, consents to the

filing of the present application for the reissue of U.S. Patent No. 5,850,600.

MAY 30, 2000

David A. Miller

Vice President and Assistant Secretary

Omnipoint Corporation

IN THE UNITED STATES PATER	NT AND TRADEMARK OFFICE		
In re the Application of:) Group Art Unit: 2684		
Robert C. Dixon) Examiner: M. Banks - Harold		
Serial No.: 09/595,557))		
Filed: June 14, 2000))		
For: Three Cell Wireless Communication System)))		
PETITION FOR EXT	TENSION OF TIME		
Assistant Commissioner for Patents Washington, D.C. 20231			
Sir:			
In response to an Office Action mailed on A application:	August 13, 2001 for the above-identified Patent		
Applicant(s) petitions for an extension 1.17(a)-(d)] for the total number of r	on of time under 37 CFR 1.136 [fees: 37 CFR months checked below:		
	, ·		
CERTIFICATE	OF MAILING		
(37 C.F.F	R. §1.8a)		
I hereby certify that this paper (along with any referred to as United States Postal Service on the date shown below with su addressed to the Commissioner for Patents, Washington, D.C.	ifficient postage as First Class Mail in an envelope		
	Rita Hernandez		
	Name of Person Mailing Paper		
January 14, 2002 Date of Deposit	Signature of Person Mailing Paper		

	EXTENSION (months)	FEE FOR SMALL ENTITY	FEE FOR OTHER THAN SMALL ENTITY	
	1 month 2 months 3 months 4 months	\$55.00 \$200.00 \$460.00 \$720.00	\$110.00 \$400.00 \$920.00 \$1440.00	
			en secured and the fee paid therefor of total months of extension now	
\boxtimes	Extension fee due with this Request \$400.00			
	NO ADDITIONAL F	EE IS REQUIRED.		
\boxtimes	A check in the amount of \$400.00 is enclosed to cover the above fee(s).			
	Charge Deposit Account No. 12-2475 in the amount of			
	The Commissioner is authorized to charge Counsel's Deposit Account No. 12-2475 for any fees required under 37 CFR 1.16, 1.17 and 1.445 that are not covered, in whole or in part, by a check enclosed herewith and to credit any overpayments to said Deposit Account 12-2475.			

Respectfully submitted,

LYON & LYON LLP

Dated: January 14, 2002

By: Lynn Y. McKernan

Reg. No. 41,986

633 West Fifth Street, Suite 4700 Los Angeles, California 90071-2066 (408) 993-1555

t	I.S. PAT	ENT DOCUMENTS
4,131,484	2/1978	Caruso et al
4,163,944	S/1979	Chambers et al
4,217,563	8/1980	Vale.
4,222,115	9/1980	Cooper et al
4,247,942	1/1981	Hauer.
4,280,222	7/1981	Flower.
	11/1981	Gutleber .
4,314,393	2/1982	Wakatsuki et al
	10/1982	Reudink et al
	11/1983	Zachiele, Jr
	11/1983	Fennel et al
4,432,089	2/1984	Wurzburg et al
4,445,256	5/1984	Huguenin et al
4,455,651	6/1984	Baran .
4,456,793	6/1984	Baker et al
4,484,028	11/1984	Kelley et al
4,517,679	5/1985	Clark et al
4,525,835	7/1985	Vance et al
4,550,414	10/1935	Guinon et al
4,561,089	12/1985	Rouse et al
4,562,370	12/1985	Von Dach
4,563,774	1/1986	Gloge et al
4,567,588	1/1986	Jerrim .
4,569,062	2/1986	Dellande et al
4,601,047	7/1986	Horwitz et al
4,606,039	8/1986	Nicolas et al
4,612,637	9/1986	Davis et al
4,621,365	11/1986	Chiu.
4,622,854	11/1986	Locke et al
4,641,317	2/1987	Fullerton .
4,642,505	2/1987	Arvanitis .
4,647,863	3/1987	Skudera et al.
4,649,549	3/1987	Halpern et al
4,653,069	3/1987	Roeder .
4,660,164	4/1987	Leibowitz .
4,672,254	6/1937	Dolat et al
4,672,658	6/1987	Kavehrad et al.
4,680,785	7/1987	Akiyama et al Eizenhöfer et al
4,688,210	8/1987	Tsuchiya.
4,691,326	9/1987	Darcie.
4,701,904	10/1987	Foschini et al
4,703,474	10/1987 11/1987	Andren et al
4,707,839	1/1988	Serrano et al
4,718,080	2/1988	Moses et al
4,724,435	5/1988	
4,742,512	5/198S	
4,745,378 4,754,453	6/1988	
4,754,473	6/1988	=
4,759,034	7/1988	
4,759,034	7/1988	- · · · · ·
4,765,753	8/1988	
4,769,812	9/1989	
4,787,093	11/1988	
4,797,947	1/1989	
4,800,885	1/1989	
4,804,938	2/1989	_
4,805,208	2/1989	
4,807,222	2/1989	-
4,813,057	3/1989	Fullerton.
4.815.106	3/1989	_

3/1989 Propp et al. .

5/1989 Shitara et al. .

4,815,106

4,833,702

4,837,785	6/1989	Gurantz et al
4,837,802	6/1989	Higashiyama et al
4,850,307	8/1989	Nakayama .
4,866,732	9/1989	Carey et al
4,878,238	10/1989	Rash et al
4,893,327	1/1990	Stern et al
4,894,842	1/1990	Brockhoven et al
4,901,307	2/1990	Gilhousen et al
4,905,221	2/1990	Ichiyoshi .
4,918,689	4/1990	Hui .
4,943,973	7/1990	Werner
4,965,759	10/1990	Uchida et al
4,979,170	12/1990	Giihousen et al
4,979,185	12/1990	Fullerton .
4,984,247	1/1991	Kaufmann et al
4,995,083	2/1991	Baker et al
5,005,183	4/1991	Carey et al
5,008,953	4/1991	Dahlin et al
5,016,255	5/1991	Dixon et al
5,018,165	5/1991	Sohner et al
5,022,047	6/1991	Dixon et al
5,023,887	6/1991	Takeuchi et al
5,025,452	6/1991	Sohner et al
5,042,050	8/1991	Owen.
5,056,109	10/1991	Gilhousen et al
5,073,900	12/1991	Mallinkdrodt .
5,101,501	3/1992	Gilhousen et al
5,109,390	4/1992	Gilhousen et al
5,111,535	5/1992	Tokunaga .
5,128,959	7/1992	
5,177,765	1/1993	
5,177,766	1/1993	Holland et al
5,179,571	1/1993	Schilling .
5,218,618	6/1993	Sagey .
5,241,690	8/1993	Larsson et al
5,278,835	1/1994	Ito et al
5,285,469	2/1994	Vanderpool .
5,319,634	6/1994	Bartholomew et al
5,402,413	3/1995	
5,455,822	10/1995	Dixon et al
5,469,468	11/1995	Schilling.
	OTH	ED DURITOATIONS

OTHER PUBLICATIONS

Kavehrad, M. et al., "Direct-Sequence Spread Spectrum with DPSK Modulation and Diversity for Indoor Wireless Communications", *IEEE Transactions on Communications.*, vol. Com-35, No. 2, pp. 224-226, Feb. 1987.

vol. Com-35, No. 2, pp. 224-226, Feb. 1987.
Mohanly, Nirode C., "Spread Specrum And Time Division Multiple Access Satellite Communications", *IEEE Transactions on Communications*, vol. Com-25, No. 8, pp. 810-815, Aug. 1977.

Nomura et al., "Multiple Radio Zone Plans in Mobile Radio Systems", *IEEE Transactions On Vehicular Technology*, vol. VT-25, No. 3, pp. 68-74, Aug. 1976.

Bohm, M., "Mit Digitaltechnik zum Mobiltelefon für alle", Nachrichten Electronik Telematik, vol. 38, No. 7, pp. 264–268, Jul. 1984.

Saleh, A. et al., "An Experimental TDMA Indoor Radio Communications System Using Slow Frequency Hopping and Coding", *IEEE Transactions on Communications*, vol. 39, No. 1, pp. 152-161, Jan. 1991.